

STANDARD MODELS

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BTA 0122-2000	9 kHz ... 220 MHz	2000 / 2200	63 / 66 ±3	12 / 18	15000	18 HU, 800 mm	220
BTA 0122-3000	9 kHz ... 220 MHz	3000 / 3300	64.8 / 67.5 ±2.5	12 / 18	25000	32 HU, 800 mm	325

For individual data sheets, please click on the above model name

1 HU = 44.45 mm

STANDARD SPECIFICATIONS

Input Power:	0 dBm (1 mW) max.
Overdrive Protection:	up to +10 dBm for no damage
Input Impedance:	50 Ohm nominal
Output Impedance:	50 Ohm nominal
Input VSWR:	<2:1 typ.
Load VSWR:	infinite for no damage (100% mismatch tolerant) P_N -0.5 dB min. at VSWR 2:1
Spurious (at P_N):	-50 dBc typ. (excluding harmonics)
Class of Operation:	A-linear

GENERAL

RF Input:	N-f; standard on rear panel
RF Output:	7-16-f; standard on rear panel
Mains Supply:	3x400 V AC 47 ... 63 Hz
Elapsed Time Meter:	via status display
Ambient Temperature:	0 ... +45 °C
Storage Temperature:	-20 ... +85 °C
Relative Humidity:	up to 95% (non-condensing)
Vibration and Shock:	normal laboratory environment
Operating Altitude:	up to 2000 m above sea level
Cooling:	forced air with integral blower air intake from bottom, air exhaust at top

OPTIONS

A) Sample Ports	I) 3x 208 V AC / 60 Hz
B) External Dual Directional Coupler	L) LAN Remote Control
C) IEEE-488.2 GPIB Remote Control	S) Internal RF Switching Unit
D) Front Panel RF Connectors	R) RS-232C Remote Control
E) RF Power Indication (digital)	U) USB Remote Control
F) Gain Adjustment	W) Flüssigkühlung (external)
F) Gain Adjustment	X) External Control of other Amplifiers